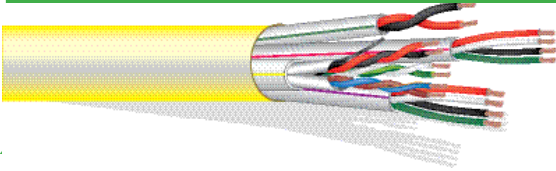


## Detailed Specification & Technical Data



2 COND 22 AWG + 4 COND.18 AWG + 4 COND.22 AWG. + 3 PAIR 22 AWG SHLD. FLEX PLENUM Yellow Jacket

Access Control Complete Design: Reader, Lock Power, REX, Door Contact

### Construction & Dimensions

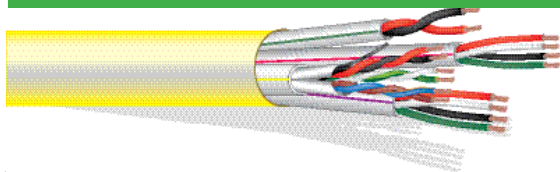
| Component                         | Card Reader                                   | Door Contact       | Request To Exit                   | Lock Power                    |
|-----------------------------------|---|--------------------|-----------------------------------|-------------------------------|
| <b>CONDUCTOR PARAMETER</b>        |   |                    |                                   |                               |
| Number of Conductors              | -   | 2                  | 4                                 | 4                             |
| Number of Pairs                   | 3   |                    |                                   |                               |
| AWG Size                          | 22  | 22                 | 22                                | 18                            |
| Conductor Stranding               | 7x30  | 7x30               | 7x30                              | 7x26                          |
| Conductor Type                    | Bare Copper                                   | Bare Copper        | Bare Copper                       | Bare Copper                   |
| Nominal DCR                       | 17 Ohm/1000 ft                                | 17 Ohm/1000 ft     | 17 Ohm/1000 ft                    | 6.2 Ohm/1000 ft               |
| <b>INSULATION PARAMETER</b>       |   |                    |                                   |                               |
| Insulation Type                   | Plenum PVC                                    | Plenum PVC         | Plenum PVC                        | Plenum PVC                    |
| Insulation Thickness              | 0.007 in                                      | 0.007 in           | 0.007 in                          | 0.007 in                      |
| Insulation Color Code             | 1.Black,Red, 2. White,Green<br>3. Brown, Blue | 1. Black,2.Red     | 1.Black,2.Red,3.<br>White,4.Green | 1.Black,2.Red,3.White,4.Green |
| <b>SHIELDING PARAMETER</b>        |   |                    |                                   |                               |
| Shield Type                       | Overall 100% Aluminum Foil                    | None               | None                              | None                          |
| Drain Wire Type                   | Tinned Copper                                 |                    |                                   |                               |
| Drain Wire AWG                    | 24 AWG  |                    |                                   |                               |
| <b>ELECTRICAL CHARACTERISTICS</b> |   |                    |                                   |                               |
| Nom. Cap. Between Conductors      | 54 pF/ft                                      |                    |                                   |                               |
| Nom. Cap. Conductor to Shield     | 97 pF/ft                                      |                    |                                   |                               |
| <b>INNER JACKET COLOR</b>         |   |                    |                                   |                               |
|                                   | White/Yellow Stripe                           | White/Green Stripe | White/Red Stripe                  | White/Purple Stripe           |

### Overall Construction

| <b>OVERALL CONSTRUCTION PARAMETERS</b> |                 |
|--|-----------------|
| Total Number of Conductors             | 16              |
| Jacket Type                            | Flexible Plenum |
| Nominal Cable O.D.                     | 0.44 in         |
| Plenum                                 | Yes             |
| NEC UL Rating                          | CMP             |
| RoHS Compliant                         | Yes             |
| Bend Radius                            | 3.96 in         |
| Cable Weight                           | 98 lbs          |

### Overall Electrical & Optical Characteristics

| <b>OVERALL ELECTRICAL/OPTICAL CHARACTERISTICS</b> |                 |
|---|-----------------|
| UL Flammability                                   | NFPA 262 Plenum |
| Operating Range                                   | -0 to 75 Deg C  |
| UL Voltage Rating                                 | 300             |



**Part Numbers**

| Part Numbers    |                                     |
|-----------------|-------------------------------------|
| AC2518223PXYE10 | Yellow Jacket   1000 ft Wooden Reel |
| AC2518223PXYE05 | Yellow Jacket   500 ft Wooden Reel  |
|                 |                                     |